



California State Fire Marshal
National Fire Incident Reporting System

Data as of: 01/28/2008 3:14:47PM

FDID Range:

0 to No Upper Bound

Incident Date Range:

01/01/2007 to 12/31/2007

Heat Source:

0 to No Upper Bound

Cause of Ignition:

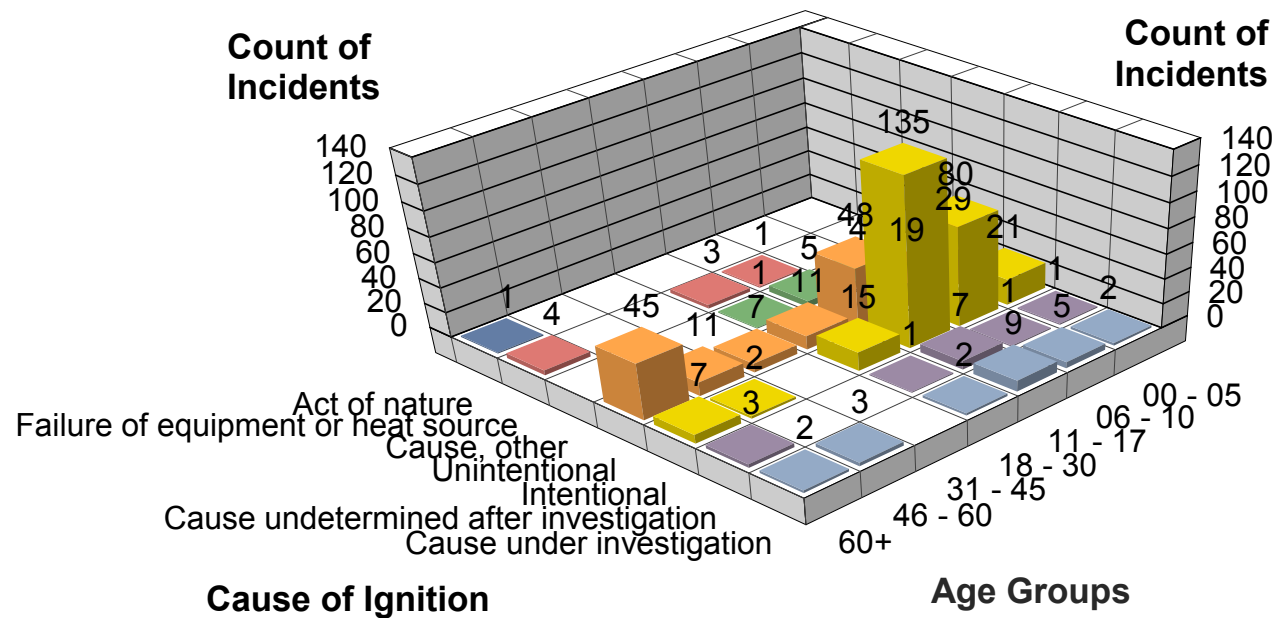
0 to No Upper Bound

Incident Type:

100 to 173

Fires By Age Groups Involved In Ignition, 2007

Count of Incidents / Cause Of Ignition & Age Groups





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FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2007 to 12/31/2007

Heat Source:
0 to No Upper Bound

Cause of Ignition:
0 to No Upper Bound

Incident Type:
100 to 173

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
00 - 05									
Intentional									
	Hot or smoldering object, other		1	\$0	\$0	0	0	0	0
	Match		3	\$500	\$1,000	0	0	0	0
	Cigarette lighter		14	\$87,150	\$30,150	0	0	0	0
	Flame/torch used for lighting		1	\$0	\$0	0	0	0	0
	Undetermined		2	\$500	\$0	0	0	0	0
	Intentional Subtotal		21	\$88,150	\$31,150	0	0	0	0
Unintentional									
	Heat source: other		2	\$1,500	\$100	0	0	4	0
	Heat from powered equipment, other		4	\$30,000	\$7,800	0	0	0	0
	Spark, ember or flame from operating equipment		3	\$1,900	\$505	0	0	0	0
	Radiated, conducted heat from operating equipment		3	\$0	\$0	0	0	0	0
	Arcing		1	\$0	\$0	0	0	0	0
	Hot or smoldering object, other		1	\$0	\$0	0	0	0	0
	Cigarette		1	\$250,000	\$150,000	0	0	0	0
	Match		3	\$26,000	\$7,100	0	0	2	0
	Cigarette lighter		4	\$175,000	\$50,100	0	0	0	0
	Candle		3	\$204,000	\$104,000	0	0	0	0
	Flame/torch used for lighting		1	\$0	\$0	0	0	1	0

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
00 - 05									
		Undetermined	3	\$7,000	\$2,000	0	0	0	0
	Unintentional	Subtotal	29	\$695,400	\$321,605	0	0	7	0
Cause under investigation									
		Match	1	\$0	\$100	0	0	0	0
		Cigarette lighter	1	\$100,000	\$0	0	0	0	0
	Cause under investigation	Subtotal	2	\$100,000	\$100	0	0	0	0
Cause undetermined after investigation									
		Undetermined	1	\$0	\$100	0	0	0	0
	Cause undetermined after investigation	Subtotal	1	\$0	\$100	0	0	0	0
	Age Group	Total	53	\$883,550	\$352,955	0	0	7	0
06 - 10									
Cause, other									
		Cigarette lighter	3	\$10,000	\$1,000	0	0	0	0
		Undetermined	1	\$0	\$0	0	0	0	0
	Cause, other	Subtotal	4	\$10,000	\$1,000	0	0	0	0
Intentional									
		Heat source: other	3	\$7,500	\$0	0	0	1	0
		Heat from powered equipment, other	1	\$0	\$0	0	0	0	0
		Hot or smoldering object, other	1	\$500	\$0	0	0	0	0
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Explosive, fireworks, other	1	\$0	\$0	0	0	0	0
		Fireworks	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	4	\$10,000	\$3,000	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Match	25	\$152,850	\$57,275	0	0	0	0
		Cigarette lighter	34	\$250,350	\$83,330	0	0	1	0
		Flame/torch used for lighting	2	\$40,250	\$25,001	0	0	0	0
		Heat from direct flame, convection currents	1	\$0	\$0	0	0	0	0
		Multiple heat sources including multiple ignitions	1	\$0	\$0	0	0	0	0
		Undetermined	4	\$5,000	\$100	0	0	0	0

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
06 - 10									
	Intentional	Subtotal	80	\$466,450	\$168,706	0	0	2	0
	Unintentional								
		Heat source: other	3	\$508,000	\$46,000	1	0	0	0
		Spark, ember or flame from operating equipment	1	\$0	\$25	0	0	0	0
		Radiated, conducted heat from operating equipment	1	\$25,000	\$10,000	0	0	0	0
		Hot or smoldering object, other	1	\$2,000	\$500	0	0	0	0
		Hot ember or ash	1	\$2,500	\$500	0	0	0	0
			1	\$250,000	\$150,000	0	0	0	0
		Match	3	\$5,500	\$500	0	0	0	0
		Cigarette lighter	5	\$35,700	\$10,000	0	0	2	0
		Candle	3	\$1,500	\$6,000	1	0	0	0
	Unintentional	Subtotal	19	\$830,200	\$223,525	2	0	2	0
	Cause under investigation								
		Heat from other open flame or smoking materials	2	\$50,300	\$10,500	0	0	0	0
		Cigarette lighter	1	\$20,000	\$10,000	0	0	0	0
		Undetermined	2	\$50	\$5,500	0	0	0	0
	Cause under investigation	Subtotal	5	\$70,350	\$26,000	0	0	0	0
	Cause undetermined after investigation								
		Undetermined	1	\$0	\$0	0	0	0	0
	Cause undetermined after investigation	Subtotal	1	\$0	\$0	0	0	0	0
	Age Group	Total	109	\$1,377,000	\$419,231	2	0	4	0
11 - 17									
	Cause, other								
		Heat source: other	1	\$160,000	\$160,000	0	0	0	0
		Radiated, conducted heat from operating equipment	1	\$5,000	\$200	0	0	0	0
		Explosive, fireworks, other	1	\$0	\$0	0	0	0	0
		Fireworks	1	\$0	\$0	0	0	0	0
			1	\$500	\$0	0	0	0	0
	Cause, other	Subtotal	5	\$165,500	\$160,200	0	0	0	0
	Intentional								

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
11 - 17									
		Heat source: other	4	\$150	\$5	0	0	0	0
		Hot or smoldering object, other	2	\$10,000	\$0	0	0	0	0
		Molten, hot material	1	\$10,000	\$2,000	0	0	0	0
		Hot ember or ash	4	\$500	\$0	0	0	0	0
		Fireworks	5	\$600	\$0	0	0	0	0
		Incendiary device	6	\$200,000	\$50,000	0	0	0	0
		Heat from other open flame or smoking materials	13	\$75,000	\$25,000	0	0	0	0
		Cigarette	1	\$0	\$0	0	0	0	0
		Heat from undetermined smoking material	2	\$0	\$0	0	0	0	0
		Match	25	\$855	\$306	0	0	0	0
		Cigarette lighter	47	\$20,310	\$2,725	0	0	0	0
		Candle	2	\$302,400	\$25,000	0	0	0	0
		Flame/torch used for lighting	2	\$0	\$5,000	0	0	0	0
		Multiple heat sources including multiple ignitions	1	\$0	\$0	0	0	0	0
		Undetermined	20	\$25,000	\$181	0	0	0	0
	Intentional	Subtotal	135	\$644,815	\$110,217	0	0	0	0
Unintentional									
		Heat source: other	4	\$33,500	\$24,000	0	0	0	0
		Heat from powered equipment, other	2	\$16,500	\$500	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$2,000	\$200	0	0	0	0
		Radiated, conducted heat from operating equipment	1	\$1,000	\$4,000	0	0	0	0
		Hot or smoldering object, other	3	\$60,000	\$30,500	0	0	0	0
		Heat, spark from friction	1	\$25,000	\$5,000	0	0	0	0
		Molten, hot material	1	\$500	\$0	0	0	0	0
		Hot ember or ash	7	\$53,600	\$2,000	0	0	0	0
		Fireworks	3	\$1,000	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$0	\$0	0	0	0	0
		Pipe or cigar	1	\$300	\$3,000	0	0	0	0
		Match	7	\$18,710	\$205,660	0	0	0	0
		Cigarette lighter	3	\$62,000	\$11,500	0	0	0	0
		Candle	8	\$1,010,700	\$1,003,750	0	0	0	0
		Heat from direct flame, convection currents	2	\$1,000	\$5	0	0	0	0

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
11 - 17									
		Undetermined	3	\$7,000	\$200	0	0	0	0
	Unintentional	Subtotal	48	\$1,292,810	\$1,290,315	0	0	0	0
	Failure of equipment or heat source								
		Heat source: other	1	\$0	\$0	0	0	0	0
	Failure of equipment or heat source	Subtotal	1	\$0	\$0	0	0	0	0
	Cause under investigation								
		Spark, ember or flame from operating equipment	1	\$5,000	\$0	0	0	0	0
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$20,000	\$20,000	0	0	0	0
		Cigarette lighter	1	\$0	\$0	0	0	0	0
		Undetermined	5	\$50,000	\$1	0	0	0	0
	Cause under investigation	Subtotal	9	\$75,000	\$20,001	0	0	0	0
	Cause undetermined after investigation								
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Undetermined	6	\$5,000	\$600	0	0	0	0
	Cause undetermined after investigation	Subtotal	7	\$5,000	\$600	0	0	0	0
	Age Group	Total	205	\$2,183,125	\$1,581,333	0	0	0	0
18 - 30									
	Cause, other								
		Cigarette lighter	1	\$0	\$0	0	0	0	0
	Cause, other	Subtotal	1	\$0	\$0	0	0	0	0
	Intentional								
		Heat source: other	2	\$1,000	\$0	0	0	0	0
		Hot or smoldering object, other	1	\$1,200	\$0	0	0	0	0
		Fireworks	1	\$100	\$0	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Match	3	\$0	\$0	0	0	0	0
		Cigarette lighter	4	\$0	\$0	0	0	0	0
		Chemical, natural heat source, other	1	\$5,000	\$0	0	0	0	0
		Undetermined	2	\$0	\$0	0	0	0	0

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
18 - 30									
	Intentional	Subtotal	15	\$7,300	\$0	0	0	0	0
	Unintentional								
			1	\$6,000	\$500	0	0	0	0
			1	\$0	\$0	0	0	0	0
			1	\$25,000	\$12,000	0	0	0	0
			1	\$0	\$0	0	0	0	0
			2	\$30,000	\$6,000	0	0	0	0
			1	\$5,000	\$500	0	0	0	0
			2	\$2,000	\$1,000	0	0	0	0
			1	\$0	\$0	0	0	0	0
			1	\$2,000	\$0	0	0	0	0
	Unintentional	Subtotal	11	\$70,000	\$20,000	0	0	0	0
	Failure of equipment or heat source								
			2	\$200	\$0	0	0	0	0
			1	\$100	\$0	0	0	0	0
	Failure of equipment or heat source	Subtotal	3	\$300	\$0	0	0	0	0
	Cause under investigation								
			1	\$1,000	\$200	0	0	0	0
			1	\$0	\$0	0	0	0	0
	Cause under investigation	Subtotal	2	\$1,000	\$200	0	0	0	0
	Cause undetermined after investigation								
			1	\$0	\$0	0	0	0	0
	Cause undetermined after investigation	Subtotal	1	\$0	\$0	0	0	0	0
	Age Group	Total	33	\$78,600	\$20,200	0	0	0	0
31 - 45									
	Unintentional								
			1	\$600	\$0	0	0	0	0
			1	\$5,000	\$250	0	0	0	0
			1	\$0	\$100	0	0	0	0
			1	\$500	\$0	0	0	0	0

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
31 - 45									
		Candle	1	\$20,000	\$5,000	0	0	0	0
		Undetermined	2	\$10,050	\$1,000	0	0	0	1
	Unintentional	Subtotal	7	\$36,150	\$6,350	0	0	0	1
	Age Group	Total	7	\$36,150	\$6,350	0	0	0	1
46 - 60									
	Intentional								
		Heat from other open flame or smoking materials	1	\$0	\$0	0	0	0	0
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
	Intentional	Subtotal	2	\$0	\$0	0	0	0	0
	Unintentional								
		Heat from powered equipment, other	1	\$2,000	\$0	0	0	0	0
		Radiated, conducted heat from operating equipment	4	\$50,000	\$30,010	0	0	1	0
		Heat, spark from friction	1	\$900	\$0	0	0	0	0
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Cigarette	2	\$100	\$0	0	0	0	0
		Undetermined	2	\$1,000	\$1,000	0	0	0	0
	Unintentional	Subtotal	11	\$54,000	\$31,010	0	0	1	0
	Cause under investigation								
		Heat source: other	1	\$2,500	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$2,000	\$1,000	0	0	0	0
		Undetermined	1	\$0	\$0	0	0	0	0
	Cause under investigation	Subtotal	3	\$4,500	\$1,000	0	0	0	0
	Age Group	Total	16	\$58,500	\$32,010	0	0	1	0
60+									
	Intentional								
		Heat source: other	1	\$0	\$0	0	0	0	0
		Radiated, conducted heat from operating equipment	1	\$0	\$50	0	0	0	0
		Incendiary device	1	\$5,000	\$5,000	0	0	1	1
		Heat from undetermined smoking material	1	\$0	\$0	0	0	0	0
		Match	2	\$450,000	\$50,000	0	0	0	0
		Heat spread from another fire, other	1	\$2,000	\$100	0	0	0	0

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
60+									
	Intentional	Subtotal	<u>7</u>	<u>\$457,000</u>	<u>\$55,150</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
	Unintentional								
		Heat source: other	5	\$3,020	\$1,020	0	0	0	0
		Heat from powered equipment, other	6	\$0	\$400	0	0	1	0
		Spark, ember or flame from operating equipment	1	\$0	\$0	0	0	0	0
		Radiated, conducted heat from operating equipment	6	\$200	\$300	0	0	0	0
		Hot or smoldering object, other	1	\$0	\$0	0	0	0	0
		Molten, hot material	1	\$10	\$0	0	0	0	0
		Hot ember or ash	8	\$32,010	\$10,050	0	0	1	0
		Heat from other open flame or smoking materials	2	\$3,000	\$3,000	0	0	1	0
		Cigarette	6	\$131,000	\$77,202	0	0	0	0
		Heat from undetermined smoking material	4	\$260,050	\$108,000	0	0	0	1
		Candle	2	\$101,500	\$5,500	0	0	0	0
		Lightning	1	\$35,000	\$10,000	0	0	0	0
		Heat from direct flame, convection currents	1	\$0	\$0	0	0	0	0
		Undetermined	1	\$500	\$500	0	0	0	0
	Unintentional	Subtotal	<u>45</u>	<u>\$566,290</u>	<u>\$215,972</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>1</u>
	Failure of equipment or heat source								
		Heat from powered equipment, other	1	\$0	\$0	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$200	\$200	0	0	0	0
		Molten, hot material	1	\$10,000	\$1,000	0	0	0	0
		Multiple heat sources including multiple ignitions	1	\$800	\$0	0	0	0	0
	Failure of equipment or heat source	Subtotal	<u>4</u>	<u>\$11,000</u>	<u>\$1,200</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Act of nature								
		Cigarette	1	\$250	\$0	0	0	0	0
	Act of nature	Subtotal	<u>1</u>	<u>\$250</u>	<u>\$0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Cause under investigation								
		Heat from powered equipment, other	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$3,000	\$7,000	0	0	0	0
	Cause under investigation	Subtotal	<u>2</u>	<u>\$3,000</u>	<u>\$7,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Cause undetermined after investigation								

Fires By Age Groups Involved In Ignition, 2007

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
60+									
		Heat from other open flame or smoking materials	1	\$3,000	\$2,000	0	0	1	0
		Undetermined	2	\$252,000	\$58,000	0	0	0	0
		Cause undetermined after investigation Subtotal	3	\$255,000	\$60,000	0	0	1	0
	Age Group	Total	62	\$1,292,540	\$339,322	0	0	5	2
		Grand Total	485	\$5,909,465	\$2,751,401	2	0	17	3

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.